

AMENDMENT

Listing of Claims

Please amend the claims as follows:

Claims 1-20 (Canceled).

21. (Currently Amended) A system for generating a device user interface executable by an information handling system, comprising:

a processor for executing instructions on the information handling system and a memory coupled to said processor for storing instructions for execution by said processor;

a device database including listing available modular user interface components for implementing control functions of a device coupled to the information handling system;

a resource database including the modular user interface components, wherein at least one of the modular user interface components is an object, said resource database being stored separately from the device database, the resource database being updated from at least one of a single information storage medium or a network;

a user interface generator for determining whether the device is included in said device database and for retrieving the modular user interface components for that device from said resource database without requiring user intervention; and

a layout manager for automatically assembling the modular user interface components retrieved by said user interface generator into a user interface executable by the information handling system to control the device without intervention by the user.

22. (Previously Presented) A system as claimed in claim 21, wherein the device is a multimedia device controlled by the information handling system.

23. (Previously Presented) A system as claimed in claim 21, wherein said device database is created without requiring user intervention.

24. (Previously Presented) A system as claimed in claim 21, wherein said resource database is created without requiring user intervention.

25. (Previously Presented) A system as claimed in claim 21, wherein the user interface components of said resource database comprise a plurality of objects.

26. (Currently Amended) A system for generating a device user interface executable by an information handling system, comprising:

means for executing instructions on the information handling system and means, coupled to said executing means, for storing instructions for execution by said processor;

means for listing available means for implementing control functions of a device coupled to the information handling system, the implementing means being modular;

means for storing the modular implementing means, wherein at least one of the modular implementing means is an object, said storing means being separate from the listing means and said storing means being updated from at least one of a single information storage medium or a network;

means for determining whether the device is included in said listing means, and for retrieving the implementing means from said implementing means storage means, said determining means being capable of operating without user intervention; and

means for automatically assembling the implementing means retrieved by said determining means into a user interface executable by the information handling system to control the device without user intervention.

27. (Previously Presented) A system as claimed in claim 26, wherein the device is a multimedia device controlled by the information handling system.

28. (Previously Presented) A system as claimed in claim 26, wherein said device list storing means is created without requiring user intervention.

29. (Previously Presented) A system as claimed in claim 26, wherein said implementing means storing means is created without requiring user intervention.

30. (Previously Presented) A system as claimed in claim 26, wherein the implementing means comprises a plurality of objects.

31. (Currently Amended) A computer implemented method for generating a device user interface for an information handling system, comprising:

identifying a device coupled to the information handling system to be controlled by the user interface;

comparing the identified device to a database of devices which includes a listing of modular user interface resource components available for implementing the functions of the device and determining whether the device is listed in the database of devices without user intervention, wherein at least one of the modular user interface resource components is an object;

retrieving the modular user interface components from a database of modular user interface components stored separately from the database of devices and updated from at least one of a single information storage medium or a network, the modular user interface components for implementing functions of the device; and

creating the user interface from the modular user interface components automatically without user intervention.

32. (Previously Presented) A method as claimed in claim 31, further comprising the steps of, in the event the device is not listed in the database of devices, determining whether a similar device similar to the device is listed in the database of devices; in the event a similar device is not listed in the database of devices, executing a generic device user interface component retrieving step; otherwise, executing said device specific user interface components retrieving step.

33. (Previously Presented) A method as claimed in claim 31, further comprising the step of displaying the user interface on a display coupled to the information handling system such that a user may control the device with the user interface.

34. (Previously Presented) A method as claimed in claim 31, said creating step being implemented automatically.

35. (Previously Presented) A method as claimed in claim 31, the user interface resource components comprising a plurality of objects.

36. (Currently Amended) A computer implemented program of instructions stored on a computer readable medium and executable by an information handling system, the contents of the program of instructions causing an information handling system to execute steps for generating a device user interface for the information handling system, the steps comprising:

identifying the device coupled to the information handling system to be controlled by the user interface;

comparing the identified device to a database of devices which includes a listing of modular user interface resource components available for implementing the functions of the device and determining whether the device is listed in the database of devices without user intervention, wherein at least one of the modular user interface resource components is an object;

retrieving the modular user interface components from a database of modular interface components stored separately from the database of devices and updated from at least one of a single information storage medium or a network, the modular user interface components for implementing functions of the device; and

creating the user interface from the assembled user interface components without user intervention.

37. (Previously Presented) A program of instructions as claimed in claim 36, further comprising the steps of, in the event the device is not listed in the database of devices, determining whether a similar device similar to the device is listed in the database of devices; in the event a similar device is not listed in the database of devices, executing a generic device user interface component retrieving step; otherwise, executing said device specific user interface components retrieving step.

38. (Previously Presented) A program of instructions as claimed in claim 36, the steps further comprising the step of displaying the user interface on a display coupled to the information handling system such that a user may control the device with the user interface.

39. (Previously Presented) A program of instructions as claimed in claim 36, said assembling step being implemented automatically.

40. (Previously Presented) A program of instructions as claimed in claim 36, the user interface components comprising a plurality of discrete objects.